

IAP15 Rec'd PCT/PTO 19 JAN 2006

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77266

Eiji KAMBARA, et al.

Appln. No.: Based on PCT/JP2004/012676

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: January 20, 2006

Examiner: Unknown

For: CRIMPED CARBON FIBER AND PRODUCTION METHOD THEREOF

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of an International Search Report from the International Searching Authority, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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INFORMATION DISCLOSURE STATEMENT  
U.S. Appl. No.: Based on PCT/JP2004/012676

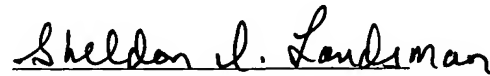
filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: JP-A-60-27700, JP-A-60-54998, JP-B2-2778434, JP-A-61-225319, JP-A-2003-73930 (corresponding to U.S. Patent Application Publication No. 2003/044603), and JP-A-2002-159851 are cited on pages 1-4 in the specification of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
Sheldon I. Landsman  
Registration No. 25,430

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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|------------------------|----------------------------|
| Application Number     | Based on PCT/JP2004/012676 |
| Confirmation Number    | Unknown                    |
| Filing Date            | January 19, 2006           |
| First Named Inventor   | Eiji KAMBARA               |
| Art Unit               | Unknown                    |
| Examiner Name          | Unknown                    |
| Attorney Docket Number | Q77266                     |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US 2003/044603  | A1                                   | 03-06-2003                     | Toshio Morita, et al.                           |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document  | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |  |                          |
|                    |                       | WO                        | 03/027368           | A1                                   | 04-03-2003                     | Showa Denko K.K.;<br>National Institute of Advanced<br>Industrial Science and Technology |                          |
|                    |                       | WO                        | 03/006726           | A1                                   | 01-23-2003                     | Catalytic Materials Ltd.   |                          |
|                    |                       | JP                        | 60-27700            | A                                    | 02-12-1985                     |  |                          |
|                    |                       | JP                        | 60-54998            | A                                    | 03-29-1985                     |  |                          |
|                    |                       | JP                        | 2778434             | B2                                   | 05-08-1998                     |  |                          |
|                    |                       | JP                        | 61-225319           | A                                    | 10-07-1986                     |  |                          |
|                    |                       | JP                        | 2003-73930          | A                                    | 03-12-2003                     |  |                          |
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|                    |                       |                           |                     |                                      |                                |  |                          |
|                    |                       |                           |                     |                                      |                                |  |                          |
|                    |                       |                           |                     |                                      |                                |  |                          |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
|                    |                       | R.T.K. BAKER, et al., "Formation of Filamentous Carbon from Iron, Cobalt and Chromium Catalyzed Decomposition of Acetylene", Journal of Catalysis, 30, 86-95 (1973)  |                          |
|                    |                       | Nelly M. Rodriguez, et al., "Catalytic Engineering of Carbon Nanostructures", Langmuir 1995, 11, 3862-3866   |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.